

THE UNIVERSITY OF BRITISH COLUMBIA



23 June, 1993.

Notified
7/22/93

0.5K

Dr. C. van Breemen, Head
Department of Pharmacology & Therapeutics
Faculty of Medicine
2176 Health Sciences Mall
Vancouver, B.C. Canada V6T 1Z3
Tel: (604) 822-5565
Fax: (604) 822-2281

#37

7/11/93

Dr. Arthur D. Eisenberg
Associate Research Director
Council for Tobacco Res-USA Inc.
900 Third Avenue
New York NY 10022
U.S.A.

Dear Dr. Eisenberg:

Dr. Fredric Fay and I are organizing the fifth ~~FASEB Smooth Muscle Conference to be held in Copper Mountain in June 1994~~. As you are well aware Smooth Muscle function and pathology is a central part of a number of disciplines in basic science and clinical medicine. Consequently, this series has in the past been extremely well attended by smooth muscle scientists as well as academic clinicians in the fields of cardiovascular medicine, gastroenterology, pulmonary medicine, urology and obstetrics and gynecology. This meeting, which lasts for five days, is the most comprehensive of its kind and serves every third year to bring the scientific community up to date on all aspects related to smooth muscle. New developments in molecular biology, patch clamping and imaging have recently created major new insights and stimulated us to use next year's meeting to test how far we have progressed towards answering the following set of critical questions:

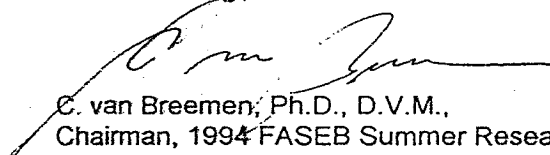
1. What are the special features of the cross-bridge cycle in smooth muscle?
2. How do membrane depolarization and receptor activation stimulate Ca^{2+} influx?
3. What controls myofilament Ca^{2+} sensitivity?
4. What are the mechanisms of SR Ca^{2+} release? What are their relative contributions and how do they interact?
5. What is the morphological basis for the interaction among various ion transporters, enzymes and myofilaments?
6. What mechanisms are responsible for Ca^{2+} homeostasis and relaxation?
7. Which cellular mechanisms and intracellular interactions are responsible for smooth muscle rhythmicity?
8. What are the mechanisms underlying basal vascular tone and how are they modulated during autoregulation?

9. What roles does smooth muscle play in vascular pathology? What are the stimuli which induce smooth muscle proliferation and how can it be prevented?

We have invited those scientist, whom we believe to be the foremost authorities in the various specific subjects and were extremely pleased that each of the selected speakers immediately and enthusiastically accepted this responsibility. I, therefore, believe that our 1994 program, which is included with this letter, is the best ever and will provide the framework for a potentially very successful meeting. However, our success is equally dependent on financial support from the government and industry. Unfortunately, the former is woefully limited, such that we are assured only \$7,500 from FASEB. I would, therefore, be most grateful if your institution would provide financial support for the 1994 Smooth Muscle FASEB Conference by sending a cheque to "~~FASEB Summer Conferences~~", annotated "~~Smooth Muscle~~" address: FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20014.

I thank you kindly for your consideration.

Yours sincerely,



C. van Breemen, Ph.D., D.V.M.,
Chairman, 1994 FASEB Summer Research
Conference.
Professor and Head,
Department of Pharmacology & Therapeutics.

CvB/jrs

Enclosures: Conference Program and List of Participants